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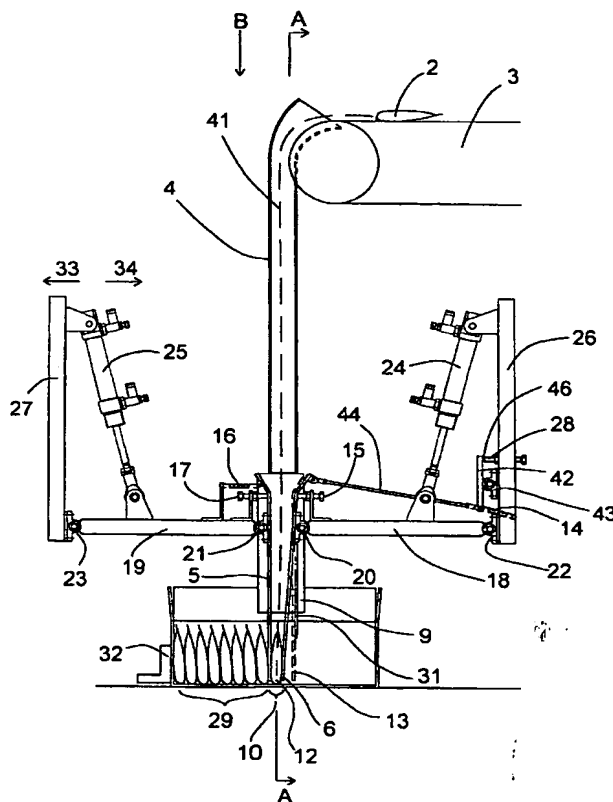
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[Continued on next page]

(54) Title: **DEVICE FOR GUIDING OBJECTS INTO CONTAINERS**



(57) Abstract: Disclosed is a device for temporarily creating and maintaining a depositing cavity in a container to be filled with objects, in particular flexible packages, standing substantially upright on the floor of said container, said device including: a moveable planar first restraining member with an anterior surface facing into said cavity and a posterior surface; and a moveable planar second restraining member with an anterior surface facing into said cavity and a posterior surface; the restraining members being operationally arranged to be removably insertable into and between facing side walls of a container to be filled with upright stacked objects and thereby to define a temporary cavity which facilitates the insertion of the objects into the container. The cavity is defined, in an object receiving configuration, by facing anterior surfaces of said first and second restraining members, by facing side walls of said container and by a portion of the floor of said container delimited thereby, such that upon deposition a given object sits upon said portion of said floor and between said facing anterior surfaces. The posterior surface of said first restraining member acts to restrain previously deposited objects against movement. According to the invention so configured, following deposition of an object into said cavity, said first restraining member may be withdrawn from its position on one side of said object, and reinserted so as to take up a new restraining position on the opposite side of said object, and said second restraining member may then be moved away from said first restraining member thereby to create a new cavity for the deposition of a further object.

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INTERNATIONAL SEARCH REPORT

International application No.

PCT/AU03/00781

A. CLASSIFICATION OF SUBJECT MATTER																						
Int. Cl. 7: B65B 5/10, B65B 5/08																						
According to International Patent Classification (IPC) or to both national classification and IPC																						
B. FIELDS SEARCHED																						
Minimum documentation searched (classification system followed by classification symbols) Refer Electronic Database consulted below																						
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched AU: B65B 5/10, B65B 5/08																						
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) Derwent World Patent Index: B65B-005/10, B65B-005/08 AND keywords (BAG+ OR POUCH+)																						
C. DOCUMENTS CONSIDERED TO BE RELEVANT																						
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.																				
A	WO 99/43550 A (FOCKE & CO. (GMBH & CO)) 2 September 1999 See the whole document	1 - 28																				
A	US 5588285 A (ODENTHAL) 31 December 1996 See the whole document	1 - 28																				
A	US 4676050 A (ODENTHAL) 30 June 1987 See the whole document	1 - 28																				
A	US 4261158 A (VAN KATTENBROEK) 14 April 1981 See the whole document	1 - 28																				
<input type="checkbox"/> Further documents are listed in the continuation of Box C <input checked="" type="checkbox"/> See patent family annex																						
<p>* Special categories of cited documents:</p> <table border="0"> <tr> <td>"A"</td> <td>document defining the general state of the art which is not considered to be of particular relevance</td> <td>"T"</td> <td>later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention</td> </tr> <tr> <td>"E"</td> <td>earlier application or patent but published on or after the international filing date</td> <td>"X"</td> <td>document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone</td> </tr> <tr> <td>"L"</td> <td>document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)</td> <td>"Y"</td> <td>document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art</td> </tr> <tr> <td>"O"</td> <td>document referring to an oral disclosure, use, exhibition or other means</td> <td>"&"</td> <td>document member of the same patent family</td> </tr> <tr> <td>"P"</td> <td>document published prior to the international filing date but later than the priority date claimed</td> <td></td> <td></td> </tr> </table>			"A"	document defining the general state of the art which is not considered to be of particular relevance	"T"	later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention	"E"	earlier application or patent but published on or after the international filing date	"X"	document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone	"L"	document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"Y"	document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art	"O"	document referring to an oral disclosure, use, exhibition or other means	"&"	document member of the same patent family	"P"	document published prior to the international filing date but later than the priority date claimed		
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INTERNATIONAL SEARCH REPORT

Information on patent family members

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PCT/AU03/00781

This Annex lists the known "A" publication level patent family members relating to the patent documents cited in the above-mentioned international search report. The Australian Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

Patent Document Cited in Search Report				Patent Family Member			
WO	9943550	AU	29270/99	BR	9908235	CA	2321845
		DE	19807469	EP	1058648	US	6546698
US	5588285	EP	696538				
US	4676050	AU	38772/85	CA	1251477	DE	3406858
		DK	814/85	DK	3017/90	EP	153577
		EP	331210	ES	540657	ES	8605735
US	4261158	AU	36625/78	BE	866508	DE	2819236
		DK	1888/78	ES	469364	FR	2389536
		GB	1598749	IL	54604	IT	1095591
		JP	54010096	NL	7704836		
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